

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021271**Date Inspected:** 23-Jun-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wu Zhi Chang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Ramesh Gade, was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Segment Repair Yard (North of bay 14)

OBG Segment 11CW

Side Panel Heat Straightening was in progress between PP101-102 as per ZPMC report # 8633. SEG69-A-001, CA85A-SP115A. ZPMC Quality Control (QC) is identified as Wang Weiming

OBG Segment 8BW-8CW

Magnetic Particle Testing (MT) of CB Side, Side panel 'T' ribs holdback area was in progress by ZPMC NDT Technician.

OBG Segment 7DW

This QA inspector performed Ultrasonic Testing (UT) approximately 10% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an UT report for this

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date. The member is identified as the Half Height Diaphragm as per notification # 006038.

The weld designations reviewed are as follows:

SSD25-PP57-003, 007, 011, 015, 030, 035, 029, 032, 047, 048, 101, 103, 104, 069, 073, 65, 099, 100, 117, 118

OBG Segment 8AE & 8AW

This QA inspector performed Magnetic Particle Testing (MT) approximately 15% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. The member is identified as the X3S to EP.

The weld designations reviewed are as follows:

8AE X3S to EP

SEG-044D-PP63- 036, 082

8AW X3S to EP

SEG-043D-PP63- 048, 030, 109, 100, 082

Summary of Conversations:

No relevant conversations reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (+86)15000 42 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Gade,Ramesh	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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